



Docket No. 005217.P049
Stoel Rives Ref. 50588/390
Digeo Ref. 39

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Anthony F. Istvan et al.

Confirmation No. 8903

Application No. 09/877,696

Filed: June 8, 2001

For: **SYSTEMS AND METHODS FOR
ACCESSING INTERACTIVE
CONTENT VIA SYNTHETIC
CHANNELS**

Group Art Unit: 2611

Examiner: Andrew Y. Koenig

Date: April 26, 2006

DECLARATION OF HIROHISA TACHIBANA UNDER 37 CFR § 1.131

I, Hirohisa Tachibana, hereby declare that:

1. At all times relevant to this Declaration, I was General Counsel of Digeo, Inc., assignee in the above-identified application.
2. On August 21, 2000, I received an e-mail from Anthony Istvan, one of the named inventors, detailing an invention for including synthetic channels in an electronic program guide ("Invention Disclosure"). A copy of the Invention Disclosure is attached hereto as Exhibit A.
3. I forwarded a copy of the Invention Disclosure to outside counsel by e-mail on August 24, 2000.

4. Outside counsel was instructed to prepare each assigned application, including the above-identified application, as expeditiously as possible.

5. Outside counsel was not instructed assign a higher or lower priority to the above-identified application than other assigned applications.

6. On information and belief, the present application was not treated any differently from other assigned applications.

7. A total of 112 applications were filed through outside counsel between August 21, 2000 and June 8, 2001. A copy of the assignee's docket report from the relevant period is attached hereto as Exhibit B.

8. The approximately 9 ½ month delay in filing between August 21, 2000 and June 8, 2001 was attributable the backlog of the 112 other cases to be filed by the assignee.

9. I declare that those statements made of my own knowledge are true, and that all statements made on information or belief are believed to be true. This declaration is being made knowing that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. § 1001) and may jeopardize the validity of the application or any patent issuing thereon.


Hirohisa Tachibana

Date: April 26, 2006

EXHIBIT A

From: "Hiro Tachibana" <hiro@digeo.com>
 To: "James K. Okamoto" <jkokamoto@townsend.com>
 Date: Thu, Aug 24, 2000 3:39 PM
 Subject: FW: More Patents

James, can you give me a call? Hiro

-----Original Message-----

From: Tony Istvan [mailto:tony@digeo.com]
 Sent: Monday, August 21, 2000 8:33 AM
 To: Steven Young; Hiro Tachibana; Jim Billmaler; Robert Novak
 Subject: More Patents

Here are some more patent ideas. Please assign the necessary legal resources. The first two are related, but I wanted to separate the one with specific EPG usage out since it will no doubt be challenged by TV Guide/Gemstar at some point.
 Thanks,

Tony

Real Time Synchronization of Computer and Television

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Anthony Istvan

As we move forward with our various product lines, we will end up with a single user experience and identity that spans multiple display devices (thick client STB, thin client STB, PC, web pad, cell phones, palm pilots, etc...). There will be the capability for a single user to be actively using multiple devices concurrently. In such an environment, it makes sense to allow the user to choose the device that is best suited for the content and circumstance. There is also the possibility that an indicator may occur on one device, and the user would prefer to respond to the indicator on a different device. The devices can include PCs, cell phones, hand held computers, pagers, etc. Basically, anything that can communicate with a server.

For example, an ATVEF trigger may be embedded in the broadcast stream. The trigger signals a buying opportunity on the television display by means of an on screen icon. The user may have a laptop computer they are currently using to read email. They then use the laptop to pursue the buying opportunity instead of clobbering the television display, which is being viewed by others at the same time. It also allows the user to use a device with a better display for the type of content being accessed.

In order to facilitate such cooperation, we must rely on the client server architecture that is being created to support the STB. The server must be the mediator of communication between the various clients. The clients can use only a web browser that polls the server periodically, or we can have resident applications on the clients that can receive signaling events from the server. Once the event is handed off to the second device, the first device is no longer needed.

It is also possible for two or more viewers in the same room to pursue the same signal without interfering with each other. The important aspect is that shared device (the STB and television display) makes the event known to the server, and that the server can send the event to one or more clients.

The event can be pushed or pulled.

Setting Events for a STB using a PC

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Anthony Istvan

A STB can provide a suite of services to the viewer. Many of these services are naturally accessed from the EPG. These include setting reminders for TV programs and programming a digital video recorder (DVR). This patent expands access to this functionality, making it accessible from other devices that have access to the network on which the STB resides.

For example, a user is at the office. They realize that they are going to have to work late, and that there is a television program that they intended to watch that they are now going to miss. But wait, they can instead log in to their account and access information pertaining to the evenings program line up. They find the show they are interested in and choose the record option. The record event is transmitted through the network to the STB that contains DVR functionality. As a result, the selected program is recorded and is waiting for the user when they finally get home.

If there is only one STB in the house that contains the DVR functionality, or a separate DVR device all together, then other STBs could also be used to set the DVR event.

This also works the other way as well. If the user set a reminder to watch a program, we would enable the option to signal the reminder on their PC as well. The reminder could manifest itself as an email, or through some sort of resident application on the device. The device could be a PC, a cell phone, a web pad, or any other type of communication device. This is similar to the first patent description.

Using an EPG to Manage Synthetic Channels

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Anthony Istvan

Jim Billmaier

Robert Novak

The existing typical television environment consists of a television with a connection to a broadcast network that consists of many television channels. Since the user is used to this channel metaphor, it makes sense to extend the metaphor when adding interactive content to television experience. The existing programming content is referred to as broadcast channels, while the new interactive content is referred to as synthetic channels. Synthetic channels can consist of functional channels, system channels, and content channels. The system channels is where the user administers the STB environment. The functional channels provide access to applications that run on behalf of the user (email, calendar, photo albums, etc.). The content channels are informational in nature (news, weather, sports, etc.). In order to mimic the behavior of traditional broadcast channels, access to the synthetic channels should be granted in a similar manner. This can include placing them in the EPG or allowing the user to access them by directly entering a channel number in their remote control. In one model, only the entry point of the synthetic channel is accessible using these methods. For example, the start page page of the mail application or the home page of the news channel. Another model allows for every page that compose a particular channel to be accessible.

EXHIBIT B

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
10/ United States of America	PRO	60/238,581 06-Oct-2000			Pending 06-Oct-2001
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: USER INTERFACE, SYSTEM, AND METHOD FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TV					
10.1/ United States of America	CIP	09/703,272 31-Oct-2000			Pending
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: USER INTERFACE FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TELEVISION					
10.2/ United States of America	CIP	09/703,261 31-Oct-2000			Abandoned
Owner Name: Classification: Head End Agent Name: Steel Rives LLP Title: SYSTEMS AND METHODS FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TELEVISION					
109/ United States of America	PRO	18-Apr-2001			Pending 18-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: ON-REMOTE CONTROL, EMAIL AND OTHER SERVICE INDICATOR LED AND SOUND					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
109/ United States of America	PRO	60/284,767 18-Apr-2001			Pending 18-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: ON-REMOTE CONTROL EMAIL AND OTHER SERVICE INDICATOR LED AND SOUND					
123/ United States of America	DES	29/136,198 25-Jan-2001			Allowed
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN					
124/ United States of America	DES	29/136,202 25-Jan-2001			Allowed
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN					
13/ United States of America	PRO	60/258,134 22-Dec-2000			Abandoned 22-Dec-2001
Owner Name: Classification: Content Agent Name: Townsend and Townsend Title: SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OF SPECIALIZED CONTENT					

Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
131/ United States of America	ORD	09/788,997 16-Feb-2001	2002-60750 23-May-2002		Published
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OF SPECIALIZED CONTENT Attorney(s): SR Classification Ref: Agent Ref:					
131/ United States of America	PRI	09/823,804 30-Mar-2001			Abandoned
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR A SOFTWARE-STEERABLE WEB CAMERA Attorney(s): SR Classification Ref: Agent Ref:					
138/ United States of America	PRO	60/267,213 07-Feb-2001			Abandoned 07-Feb-2002
Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: INTEGRATION OF ELECTRONIC PROGRAMMING GUIDE INTO INTERACTIVE TELEVISION SYSTEM Attorney(s): COJ Classification Ref: Agent Ref:					
139/ United States of America	PRO	60/267,215 07-Feb-2001			Pending 07-Feb-2002
Owner Name: Classification: User Interface Agent Name: Christensen O'Connor Johnson Kindness Title: USER MODEL FOR INTERACTIVE TELEVISION SYSTEM Attorney(s): COJ Classification Ref: Agent Ref:					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
144/ United States of America	CIP	09/859,889 17-May-2001			Abandoned
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: PAY-PER-VIEW ORDERING USING AN INTERACTIVE COMPANION SET TOP BOX					
145/ United States of America	PRO	60/283,525 12-Apr-2001			Pending 12-Apr-2002
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: CONTACT LIST FOR A HYBRID COMMUNICATOR/REMOTE CONTROL					
145.2/ United States of America	ORD	09/863,053 22-May-2001			Pending
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: CONTACT LIST FOR A HYBRID COMMUNICATOR/REMOTE CONTROL (remote with contact list)					
145.4/ United States of America	PRO	60/285,086 19-Apr-2001			Pending 19-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: MULTIFUNCTIONAL DISPLAY SCREEN FOR A HYBRID COMMUNICATOR/REMOTE CONTROL					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
15/ United States of America	ORD	09/739,584 15-Dec-2000	02-0042747 11-Apr-2002		Published
Owner Name: Attorney(s): JCS Classification: E-Commerce Agent Name: John C. Stewart Title: AUTOMATIC PROMPTING FOR PRINTER INK REFILL Classification Ref: Agent Ref:					
18/ United States of America	PRO	60/228,609 28-Aug-2000			Pending 28-Aug-2001
Owner Name: Attorney(s): SIP Classification: Content Agent Name: Seed Intellectual Property Law Group Title: SYNTHETIC BROADCAST CHANNELS Classification Ref: Agent Ref:					
18.2/ United States of America	ORD	09/742,677 19-Dec-2000	02-0104099 01-Aug-2002		Allowed
Owner Name: Attorney(s): SR Classification: Content Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD TO PROVIDE MEDIA PROGRAMS FOR SYNTHETIC CHANNELS Classification Ref: Agent Ref:					
20.1/ United States of America	PRO	60/236,422 28-Sep-2000			Pending 28-Sep-2001
Owner Name: Attorney(s): SIP Classification: E-Commerce Agent Name: Seed Intellectual Property Law Group Title: METHODS AND SYSTEMS FOR COMMERCE VIA INTERACTIVE TELEVISION Classification Ref: Agent Ref:					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
21/ United States of America	ORD	09/728,947 01-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: ALLOWANCE ACCOUNT FOR INTERACTIVE TELEVISION (ITV account)					
22/ United States of America	ORD	09/736,983 13-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM TO CALENDAR INFORMATION RELATED TO TRANSACTIONS CONDUCTED VIA AN INTERACTIVE VIDEO CASTING SYSTEM					
23/ United States of America	ORD	09/734,332 01-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM TO PROVIDE CONSOLIDATED ACCOUNT INFORMATION VIA INTERACTIVE TELEVISION					
24/ United States of America	ORD	09/728,956 01-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM FOR CONSOLIDATED CONTENT/COMMERCE TOOLS INTERFACE FOR INTERACTIVE TELEVISION					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
246/ United States of America	PRO	60/283,574 13-Apr-2001			Pending 13-Apr-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PERSONALIZED REMOTE CONTROL OF AN INTERACTIVE TELEVISION SYSTEM					
246.2/ United States of America	DES	29/141,613 09-May-2001			Allowed
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: REMOTE CONTROL (remote design with numeric on reverse)					
247/ United States of America	PRO	60/284,329 17-Apr-2001			Abandoned 17-Apr-2002
Owner Name: Classification: Content Agent Name: Seed Intellectual Property Law Group Title: HOLE IN WINDOW					
25/ United States of America	ORD	09/736,950 13-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM TO PROVIDE IN-CONTEXT PURCHASE STIMULI FOR AN INTERACTIVE VIDEO CASTING SYSTEM					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
254/ United States of America	PRI	60/296,315 06-Jun-2001			Pending
Owner Name: Classification: Content Agent Name: Steel Rives LLP Title: CONTENT MANAGEMENT TOOL (local content entry tool)					
26/ United States of America	ORD	09/792,075 22-Feb-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM TO PROVIDE A PERSONALIZED SHOPPING CHANNEL VIA AN INTERACTIVE VIDEO CASTING SYSTEM					
27/ United States of America	ORD	09/736,952 13-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: METHOD AND SYSTEM TO PROVIDE DEALS AND PROMOTIONS VIA AN INTERACTIVE VIDEO CASTING SYSTEM					
28/ United States of America	ORD	09/797,205 27-Feb-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: METHOD AND INTERFACE FOR PORTAL REVENUE ADMINISTRATION IN AN INTERACTIVE VIDEO CASTING SYSTEM					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
289/ United States of America	PRO	60/296,555 06-Jun-2001			Pending 06-Jun-2002
Owner Name: Classification: E-Commerce Agent Name: Townsend and Townsend Title: SYSTEM AND METHOD FOR LOCALIZED COMMERCE VIA INTERACTIVE TV					
29/ United States of America	ORD	09/728,672 01-Dec-2000	02-0013950 31-Jan-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: METHOD AND SYSTEM TO SAVE CONTEXT FOR DEFERRED TRANSACTION VIA INTERACTIVE TELEVISION					
29,1/ United States of America	CON	09/834,044 11-Apr-2001	02-0016965 07-Feb-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: METHOD AND SYSTEM TO SAVE CONTEXT FOR DEFERRED TRANSACTION VIA INTERACTIVE TELEVISION					
30/ United States of America	ORD	09/732,188 06-Dec-2000			Pending
Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: LOYALTY REWARDS PROGRAM FOR INTERACTIVE TELEVISION					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
31/ United States of America	ORD	09/775,351 31-Jan-2001			Abandoned
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM FOR SYNCHRONIZED COMMERCE WITH ELECTRONIC PROGRAM GUIDE AND BROADCAST CONTENT IN AN INTERACTIVE VIDEO CASTING SYSTEM Attorney(s): JCS Classification Ref: Agent Ref:					
32/ United States of America	ORD	09/728,844 01-Dec-2000	02-0104086 01-Aug-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: METHOD AND SYSTEM TO DEFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase) Attorney(s): SR Classification Ref: Agent Ref:					
32.1/ United States of America	CON	09/834,043 11-Apr-2001	02-0054091 09-May-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: METHOD AND SYSTEM TO DEFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase) Attorney(s): SR Classification Ref: Agent Ref:					
33/ United States of America	PRO	60/237,013 29-Sep-2000			Pending 29-Sep-2001
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATIONS Attorney(s): SR Classification Ref: Agent Ref:					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
33.1/ United States of America	ORD	09/698,297 27-Oct-2000		6,489,986 03-Dec-2002	Granted 27-Oct-2020
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: REMOTE CONTROL DEVICE FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam-in-remote devices)					
33.2/ United States of America	ORD	09/698,298 27-Oct-2000		6,529,233 04-Mar-2003	Granted 27-Oct-2020
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam button)					
33.3/ United States of America	ORD	09/707,072 06-Nov-2000		6,397,388 28-May-2002	Granted 06-Nov-2020
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS AND DEVICES FOR AUDIO CAPTURE AND COMMUNICATION DURING TELEVISION BROADCASTS (mic-in-remote)					
33.4/ United States of America	ORD	09/712,030 14-Nov-2000			Pending
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR AUDIO CAPTURE AND TELECOMMUNICATIONS (phone-in-remote)					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
33.5/ United States of America	ORD	09/698,753 27-Oct-2000			Abandoned
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS AND METHODS FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam- in-remote system)					
33.1/ United States of America	PRO	60/238,585 06-Oct-2000			Pending 06-Oct-2001
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE					
35.1/ United States of America	ORD	09/739,576 18-Dec-2000			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE (webpad epg)					
35.2/ United States of America	CIP	09/811,373 15-Mar-2001	02-0042915 11-Apr-2002		Abandoned
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE FOR PROGRAM SELECTION AND CONTROL					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
36/ United States of America	PRO	60/238,487 02-Oct-2000			Pending 02-Oct-2001
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: SYSTEMS, METHODS, AND DEVICES FOR AUDIOCONFERENCING DURING TELEVISION BROADCASTS					
36.1/ United States of America	ORD	09/707,073 06-Nov-2000			Pending
Owner Name: Classification: Communications Agent Name: Steel Rives LLP Title: METHODS FOR AUDIO CAPTURE AND COMMUNICATION DURING TELEVISION BROADCASTS (audio conferencing)					
38/ United States of America	PRI	09/872,491 31-May-2001	02-0184635 05-Dec-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: SETTING EVENTS FOR A SET-TOP-BOX USING A BROWSER-ENABLED DEVICE (setting events for an stb using a pc)					
39/ United States of America	PRI	09/877,696 08-Jun-2001	02-0188952 12-Dec-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: SYSTEMS AND METHODS FOR ACCESSING INTERACTIVE CONTENT VIA SYNTHETIC CHANNELS (managing synthetic channels using epg)					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
4.1/ United States of America	ORD	09/687,587 13-Oct-2000			Abandoned
Owner Name: TT Classification Ref: TT Agent Name: Townsend and Townsend Agent Ref: TT Title: TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES					
4.2/ United States of America	ORD	09/687,349 13-Oct-2000			Pending
Owner Name: TT Classification Ref: TT Agent Name: Townsend and Townsend Agent Ref: TT Title: TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES AND LEAST COMMON DENOMINATOR TECHNIQUES					
40.1/ United States of America	ORD	09/747,168 21-Dec-2000	02-0023130 21-Feb-2002		Published
Owner Name: BEB Classification Ref: BEB Agent Name: Darby & Darby Agent Ref: BEB Title: SYSTEM AND METHOD TO MANAGE PARTICIPANT INPUT FOR AN INTERACTIVE SHOW					
40.2/ United States of America	ORD	09/747,424 21-Dec-2000	02-0104090 01-Aug-2002		Published
Owner Name: BEB Classification Ref: BEB Agent Name: Darby & Darby Agent Ref: BEB Title: SYSTEM AND METHOD FOR INTERACTIVE ADVERTISING					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
40.3/ United States of America	ORD	09/732,184 06-Dec-2000			Pending
Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEM AND METHOD TO SEQUENCE BROADCAST PROGRAMS FOR PERSONAL CHANNELS Attorney(s): BEB Classification Ref: Agent Ref:					
41/ United States of America	PRO	60/250,291 29-Nov-2000			Abandoned 29-Nov-2001
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: WIRELESS MULTIMEDIA APPLIANCE Attorney(s): JCS Classification Ref: Agent Ref:					
42/ United States of America	PRO	60/246,542 07-Nov-2000			Pending 07-Nov-2001
Owner Name: Classification: Content Agent Name: Stael Rives LLP Title: SYSTEMS AND METHODS FOR VIEWER TRIGGER IN ENHANCED TELEVISION AND CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING Attorney(s): SR Classification Ref: Agent Ref:					
42.1/ United States of America	ORD	09/858,201 15-May-2001			Abandoned
Owner Name: Classification: Content Agent Name: Stael Rives LLP Title: SYSTEM AND METHOD FOR CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING Attorney(s): SR Classification Ref: Agent Ref:					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
42.2/ United States of America	ORD	09/748,080 22-Dec-2000	02-0083464 27-Jun-2002		Published
Owner Name: Classification: Content Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR UNPROMPTED, CONTEXT-SENSITIVE QUERYING DURING A TELEVISION BROADCAST					
42.3/ United States of America	PRO	60/258,164 22-Dec-2000			Pending 22-Dec-2001
Owner Name: Classification: Content Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED, CONTEXT-SENSITIVE QUERYING					
42.4/ United States of America	ORD	09/761,411 16-Jan-2001	02-0147984 10-Oct-2002		Published
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED, CONTEXT-SENSITIVE QUERYING					
44/ United States of America	PRO	60/254,011 27-Dec-2000			Pending 27-Dec-2001
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: INTERACTIVE COMPANION SET TOP BOX					

Patent List

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
44.1/ United States of America	ORD	09/815,953 23-Mar-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: INTERACTIVE COMPANION SET TOP BOX					
45/ United States of America	PRI	09/768,019 23-Jan-2001		6,630,963 07-Oct-2003	Granted 23-Jan-2021
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: SYNCHRONIZING A VIDEO PROGRAM FROM A TELEVISION BROADCAST WITH A SECONDARY AUDIO PROGRAM					
45.1/ United States of America	CIP	09/778,994 07-Feb-2001		6,710,815 23-Mar-2004	Granted 23-Jan-2021
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: SYNCHRONIZING MULTIPLE SIGNALS RECEIVED THROUGH DIFFERENT TRANSMISSION MEDIUMS					
47/ United States of America	PRI	09/863,896 23-May-2001	02-0175944 29-Nov-2002	6,762,773 13-Jul-2004	Granted 23-May-2021
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING A CONTEXT-SENSITIVE INSTRUCTIONAL USER INTERFACE ICON IN AN INTERACTIVE TELEVISION SYSTEM (overlying remote buttons on- screen)					

Patent List

Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
47.1/ United States of America	PRI	09/863,895 23-May-2001		6,559,866 06-May-2003	Granted 23-May-2021
Owner Name: Classification: User Interface Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING FOREIGN LANGUAGE SUPPORT FOR A REMOTE CONTROL DEVICE (foreign language support for a remote control)					
5.1/ United States of America	ORD	09/687,586 13-Oct-2000			Pending
Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: AUDIO SOURCE CONTROL TECHNIQUES					
52/ United States of America	PRI	09/789,175 20-Feb-2001			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR DELIVERING RADIO PROGRAMS AND RELATED SCHEDULE INFORMATION (radio epg for itv)					
52.1/ United States of America	CIP	09/851,528 08-May-2001			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: RADIO ELECTRONIC PROGRAM GUIDE FOR A MOBILE DEVICE					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
54/1/ United States of America	PRI	09/790,216 21-Feb-2001			Pending
Owner Name: Subscriber Management Classification: E-Commerce Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING DIRECT, CONTEXT SENSITIVE CUSTOMER SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM Attorney(s): SR Classification Ref: Agent Ref:					
54.1/ United States of America	PRI	09/821,829 29-Mar-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR FACILITATING SALES USING AN INTERACTIVE TELEVISION Attorney(s): SR Classification Ref: Agent Ref:					
54.2/ United States of America	PRI	09/789,917 21-Feb-2001			Pending
Owner Name: Subscriber Management Classification: E-Commerce Agent Name: Steel Rives LLP Title: SYSTEM AND METHOD FOR PROVIDING DIRECT, CONTEXT-SENSITIVE CUSTOMER SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM Attorney(s): SR Classification Ref: Agent Ref:					
56/ United States of America	PRI	09/823,946 30-Mar-2001			Pending
Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: SYSTEM AND METHOD TO PROVIDE AUDIO ENHANCEMENTS AND PREFERENCES FOR INTERACTIVE TELEVISION Attorney(s): JCS Classification Ref: Agent Ref:					

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Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
6.1/ United States of America	CIP	09/747,309 20-Dec-2000	US02-56083 09-May-2002		Published
Owner Name: TT Classification Ref: TT Agent Name: Townsend and Townsend Agent Ref: TT Title: SYSTEM AND METHOD FOR PICTURE-IN-BROWSER SCALING (Picture-In-Browser II)					
63/ United States of America	PRI	09/823,917 30-Mar-2001			Pending
Owner Name: COJ Classification Ref: COJ Agent Name: Christensen O'Connor Johnson Kindness Agent Ref: COJ Title: AGGREGATED SALES CHANNEL HAVING SALES ALERTS					
73/ United States of America	PRI	09/861,091 18-May-2001			Pending
Owner Name: JCS Classification Ref: JCS Agent Name: John C. Stewart Agent Ref: JCS Title: METHOD AND SYSTEM FOR GIFT REGISTRY, BUDGETING, AND GIFT CALENDARING VIA AN INTERACTIVE VIDEO CASTING SYSTEM (itv household budget integration with commerce and calendar)					
75/ United States of America	PRI	09/866,558 24-May-2001			Pending
Owner Name: BEB Classification Ref: BEB Agent Name: Darby & Darby Agent Ref: BEB Title: SYSTEM AND METHOD TO PROVIDE AN INTERACTIVE COUPON CHANNEL VIA A VIDEO CASTING NETWORK (coupon channel)					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
85/ United States of America	PRI	09/813,773 20-Mar-2001			Pending
Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEMS AND METHODS FOR TRIGGERING AN EVENT BASED ON RECOGNITION OF AN AUDIO SIGNATURE Attorney(s): BEB Classification Ref: Agent Ref:					
86/ United States of America	PRI	09/820,331 27-Mar-2001	02-0144264 03-Oct-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: PASSIVE PROGRAM COMPLETION STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE Attorney(s): SR Classification Ref: Agent Ref:					
86.1/ United States of America	PRI	09/820,083 27-Mar-2001			Pending
Owner Name: Classification: Electronic Programming Guide Agent Name: Steel Rives LLP Title: PROGRAM COMPLETION STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE Attorney(s): SR Classification Ref: Agent Ref:					
88/ United States of America	PRO	60/251,501 05-Dec-2000			Abandoned 05-Dec-2001
Owner Name: Classification: E-Commerce Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM FOR CONSOLIDATED COMMERCE/COMMUNICATIONS/CONTENT TOOLS INTERFACE Attorney(s): COJ Classification Ref: Agent Ref:					

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Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
89/ United States of America	PRO	60/261,676 12-Jun-2001			Pending 12-Jan-2002
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: HARDWARE DECODING OF MPEG VIDEO STREAMS FROM CABLE TELEVISION AND INTERNET SOURCES					
89/1/ United States of America	ORD	09/851,361 08-May-2001	02-0095689 18-Jul-2002		Published
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Steel Rives LLP Title: HARDWARE DECODING OF MEDIA STREAMS FROM MULTIPLE SOURCES					
92/ United States of America	PRI	09/798,583 02-Mar-2001			Pending
Owner Name: Classification: Content Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM TO PROVIDE INFORMATION ALERTS VIA AN INTERACTIVE VIDEO CASTING SYSTEM					
95/ United States of America	PRI	09/877,549 08-Jun-2001	02-0188948 12-Dec-2002		Published
Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: SYSTEMS AND METHODS FOR AUTOMATIC PERSONALIZING OF CHANNEL FAVORITES IN A SET TOP BOX (personalized auto-favorites with multiple views)					

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Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
96/ United States of America	PRI	09/843,296 25-Apr-2001	02-01/62120 31-Oct-2002		Published
Owner Name: Classification: Content Agent Name: Christensen O'Connor Johnson Kindness Title: APPARATUS AND METHOD TO PROVIDE SUPPLEMENTAL CONTENT FROM AN INTERACTIVE TELEVISION SYSTEM TO A REMOTE DEVICE Attorney(s): COJ Classification Ref: Agent Ref:					
IPDN11-US/ United States of America	CON	09/670,357 26-Sep-2000			Pending
Owner Name: Classification: Agent Name: David Lee Title: INFORMATION DISTRIBUTION SYSTEM Attorney(s): DL Classification Ref: Agent Ref:					
IPDN15-US/ United States of America	CON	09/669,134 26-Sep-2000		6,633,877 14-Oct-2003	Granted 27-Mar-2018
Owner Name: Classification: Agent Name: John C. Stewart Title: METHODS AND APPARATUS FOR DELIVERY OF SELECTED ELECTRONIC WORKS AND FOR CONTROLLING REPRODUCTION OF THE SAME (Amended) Attorney(s): JCS Classification Ref: Agent Ref:					
IPDN20-US/ United States of America	PRI	09/837,112 18-Apr-2001			Pending
Owner Name: Classification: Agent Name: David Lee Title: SECURE DIGITAL MEDICAL INTELLECTUAL PROPERTY (IP) DISTRIBUTION, MARKET APPLICATIONS, AND MOBILE DEVICES Attorney(s): DL Classification Ref: Agent Ref:					

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Case Number/Subense Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
P011/ United States of America	PRI	09/792,019 20-Feb-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SYSTEM AND METHOD FOR RENDERING GRAPHICS AND VIDEO ON A DISPLAY (graphic formatting)					
P013/ United States of America	PRI	09/791,474 22-Feb-2001	02-0113827 22-Aug-2002		Published
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: APPARATUS AND METHOD FOR SELECTING DATA					
P013X/ United States of America	CIP	09/818,175 26-Mar-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR SELECTING DATA					
P016/ United States of America	PRI	09/848,118 02-May-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR COMPRESSING VIDEO (MPEG Scaling)					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
P017/ United States of America	PRI	09/734,535 11-Dec-2000			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: DEMAND DMA					
P018/ United States of America	PRI	09/734,529 11-Dec-2000			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SERIAL REQUEST HANDLER (request handler)					
P019/ United States of America	PRI	09/784,274 13-Feb-2001			Allowed
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: METHOD AND APPARATUS FOR A BURST WRITE IN A SHARED BUS ARCHITECTURE (shared bus)					
P020/ United States of America	PRI	09/795,276 27-Feb-2001			Pending
Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: METHOD AND APPARATUS FOR OPTIMIZING MEMORY ACCESS (memory access)					

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
P022/ United States of America	PRI	09/669,619 25-Sep-2000			Pending
Owner Name: Attorney(s): JCS Classification: Set Top Box (Hardware and Software) Classification Ref: Agent Name: John C. Stewart Agent Ref: Title: METHOD AND APPARATUS FOR TRANSFERRING DATA					
P023/ United States of America	PRI	09/669,618 25-Sep-2000			Pending
Owner Name: Attorney(s): TW Classification: Subscriber Management Classification Ref: Agent Name: Thomas C. Webster Agent Ref: Title: METHOD AND APPARATUS FOR QUEUING DATA (queuing data)					
P026/ United States of America	ORD	09/784,828 15-Feb-2001		6,498,754 24-Dec-2002	Granted 15-Feb-2021
Owner Name: Attorney(s): TW Classification: Satellite Classification Ref: Agent Name: Thomas C. Webster Agent Ref: Title: MEMORY ARRAY ORGANIZATION FOR STATIC ARRAYS					
P066/ United States of America	PRI	09/709,005 08-Nov-2000			Allowed
Owner Name: Attorney(s): TW Classification: Not Classified Classification Ref: Agent Name: Thomas C. Webster Agent Ref: Title: ERROR CORRECTION WITH LIMITED WORKING STORAGE					

Tuesday, April 18, 2006

Report Selection

RecordCount: 112

- ☒ by Case Number
- ☐ by Country
- ☐ by Classification
- ☐ by Owner
- ☐ by Inventor

- ☐ by Category
- ☐ by Platform
- ☐ by Rank
- ☐ by Stage

Report Format
☐ Concise
☒ Comprehensive

Inventors
☐ Print
☒ Do Not Print

Remarks
☐ Print
☒ Do Not Print

Include Design Countries

☐ Yes ☒ No

Preview before printing ☒

Date Range

☒ Filing ☐ Issue ☐ Expiration ☐ Last Update

From: 21-Aug-2000 To: 08-Jun-2001

Classification:

Country: = US

Area:

Owner:

Inventor:

Category:

Rank:

Case Number:

Case Type:

Attorney:

Agent:

Status(es):

Status Codes:

☐ Active

☐ Inactive

☒ All

Platform:

Stage: